

B

		% of GFP positive cells			
		Med	IL-4	CD40	IL-4+CD40
XF-1		0.5+0.2	1.0+0.3	1.9+0.2	2.7 ± 0.3 (3)
XF-5a		0.7+0.2	2.8+0.4	3.2+0.3	54.3 ± 5.4 (4)
XF-8		0.3+0.1	0.3+0.2	1.5+0.2	7.6 ± 2.3 (8)
XF-2b		0.8+0.3	0.9+0.2	2.8+0.3	3.1 ± 0.6 (4)
XF-2a		0.7+0.2	1.2+0.3	3.2+0.2	3.6 ± 0.7 (3)
XF-6a		0.9+0.3	2.9+0.3	3.8+0.5	28.6 ± 4.2 (4)
XF-6b		0.6+0.2	0.8+0.2	1.2+0.2	3.7 ± 0.7 (3)
XA-1					

FIGURE 1

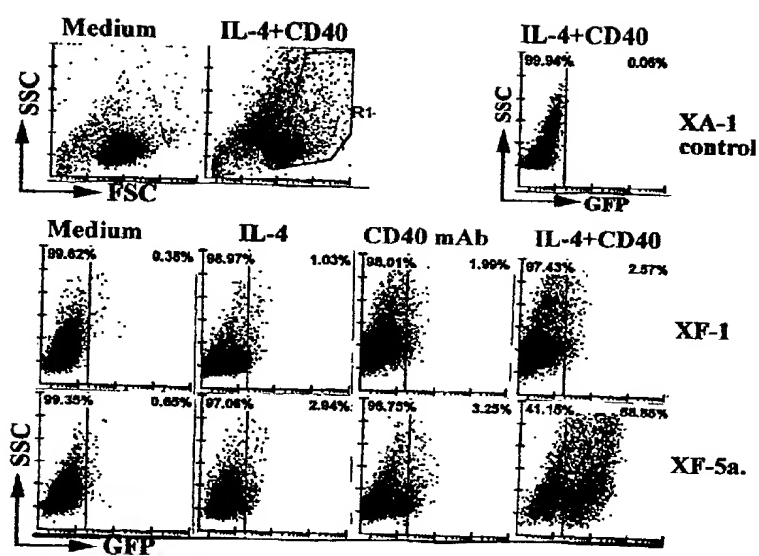


FIGURE 2

A

	S μ probe				S γ 2 probe			
IL-4	-	+	-	+	-	+	-	+
CD40	-	-	+	+	-	-	+	+

Kb

4.0

3.0

2.0

1.6

1.0

0.65

0.4

0.2

Genomic DNA PCR
(S μ /S γ 2 fragments)

B

	S μ probe				S γ 2 probe			
IL-4	-	+	-	+	-	+	-	+
CD40	-	-	+	+	-	-	+	+

Circular DNA PCR
(S γ 2/S μ fragments)

C

Acl I

pCMV

Xba I

S μ 1S γ 2

Spe I

B2

pSV40.1

Sal I

C1.2

Bcl XI

C4.3

Hind III

S μ

S γ 2

FLA



[illegible]

1

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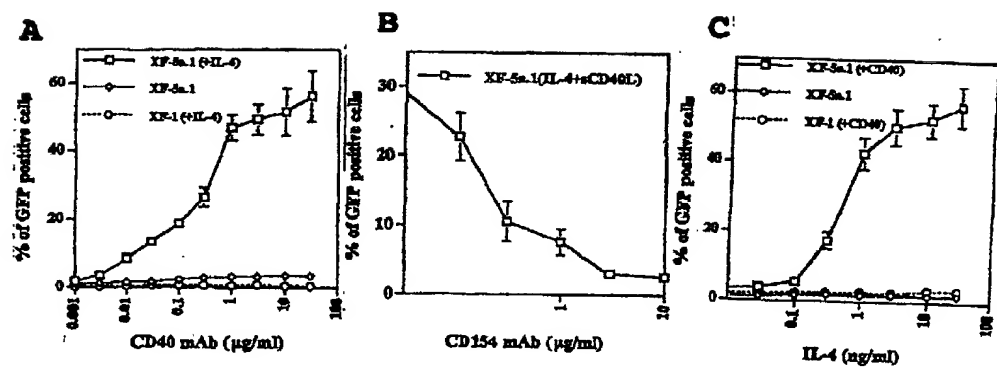


FIGURE 5

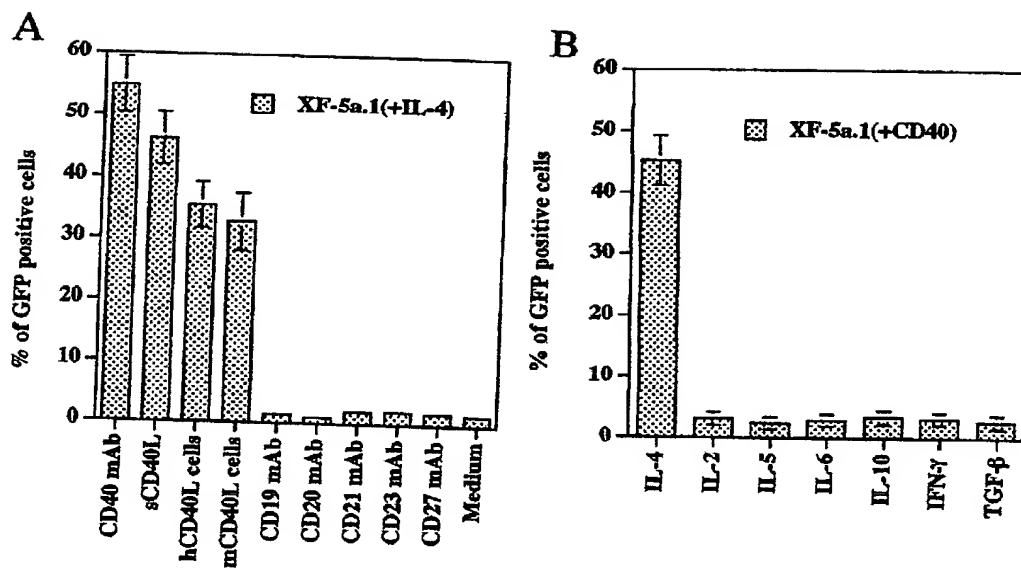


FIGURE 6

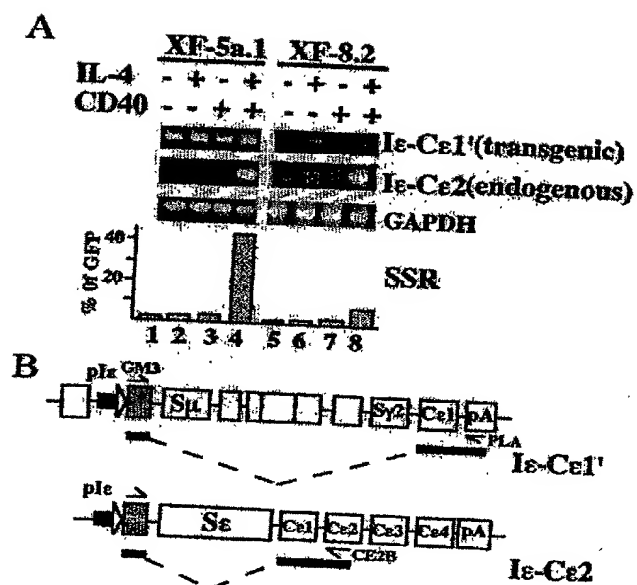
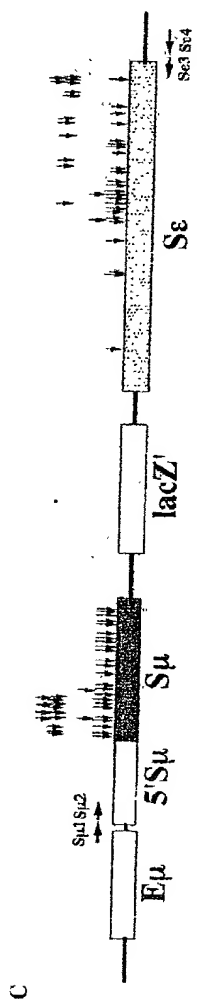


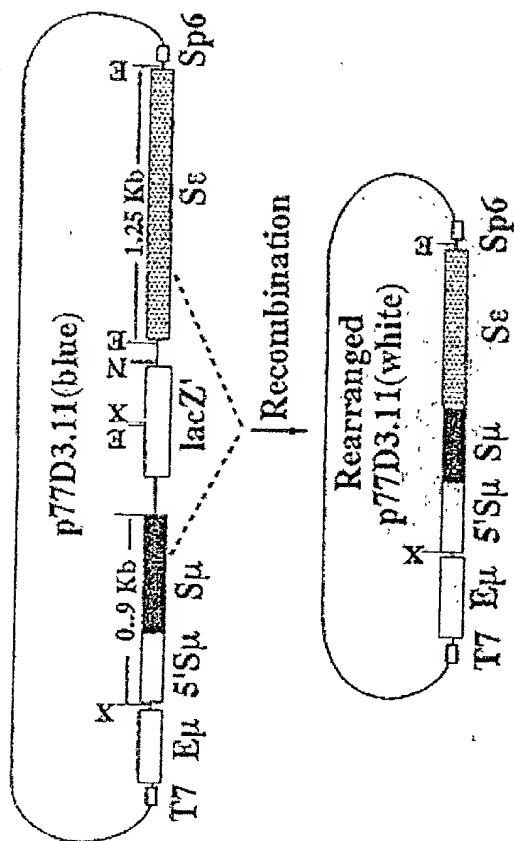
FIGURE 7

FIGURE 7
(CONTINUED)



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FIGURE 8



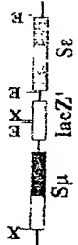

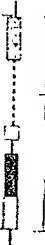
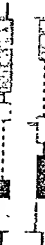
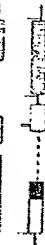




Recombination models	Mapping fragments by X+E	Colony analyzed	Ratio (%)
	3		
	1	269	87.6%
	1	ND	ND
	2	3	1.0%
	2	3	1.0%
	3	3	1.0%
	0 (linearized)		
	0 (linearized)	8	2.6%
	0 (supercoiled)	21	6.8%
Total		307	100%

FIGURE 9

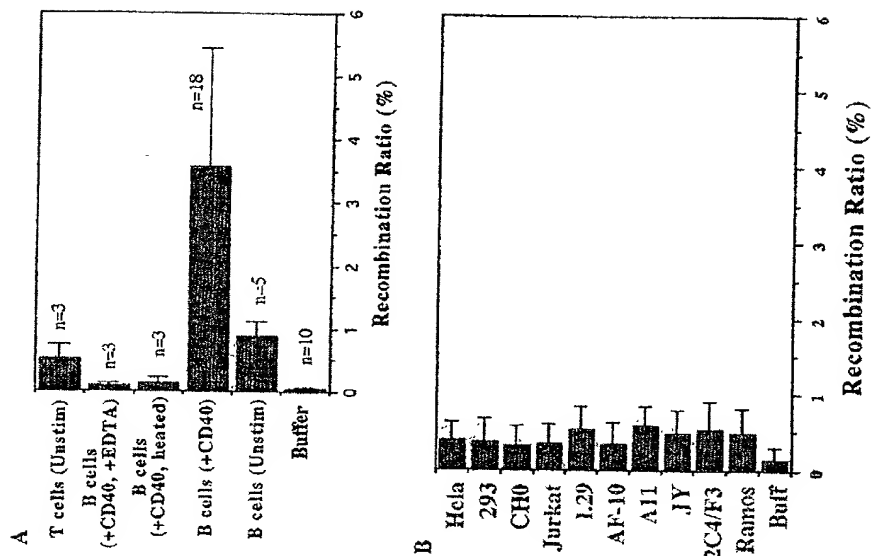


FIGURE 10

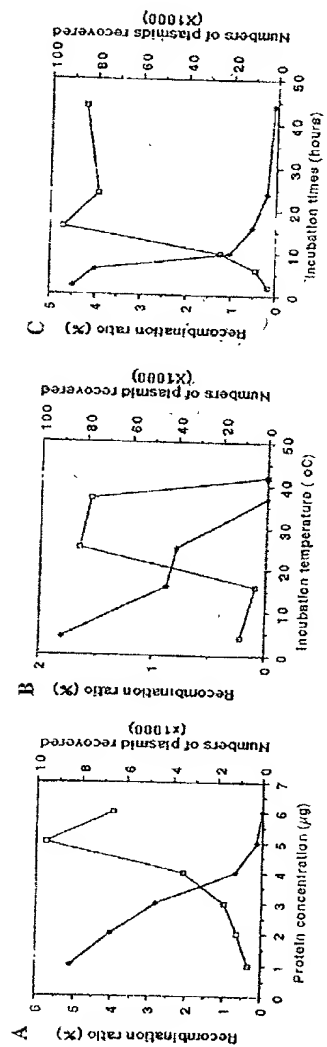


FIGURE 11

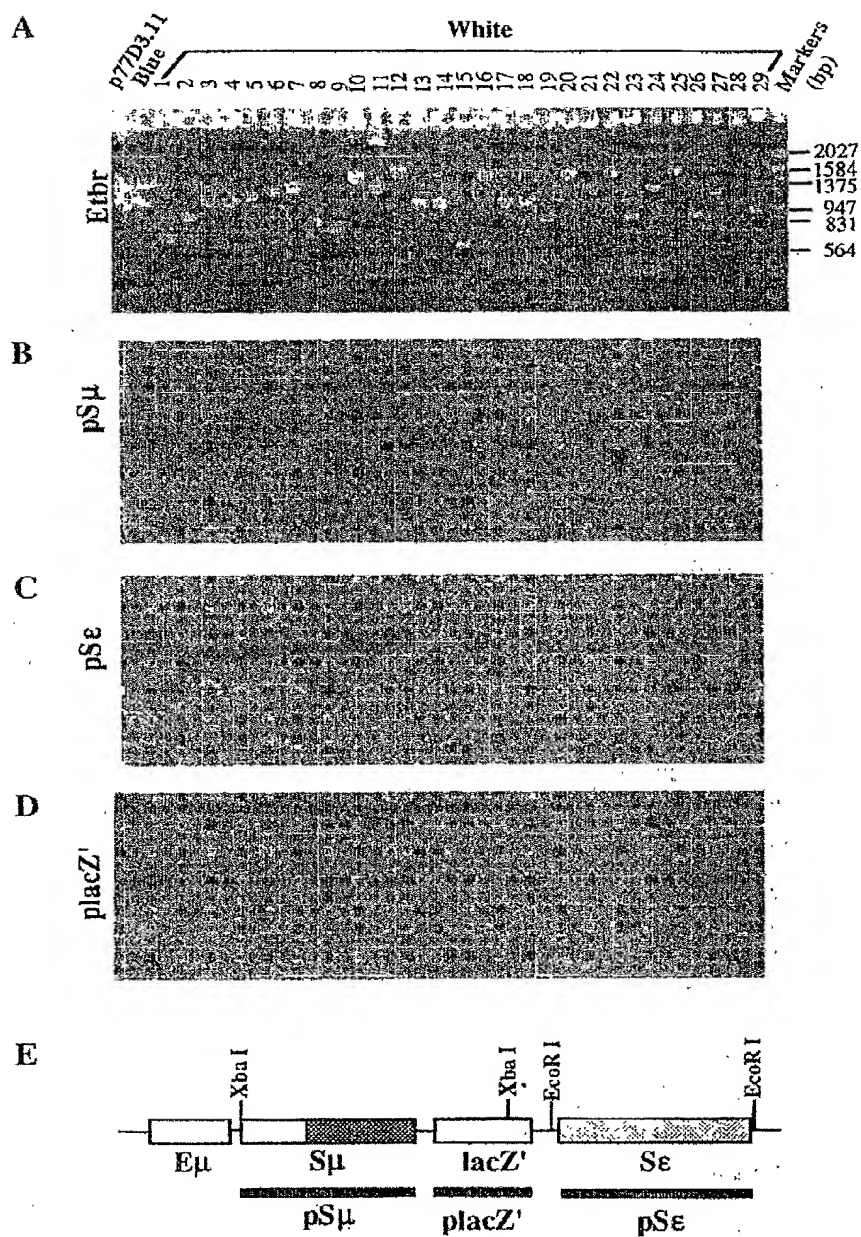


FIGURE 12

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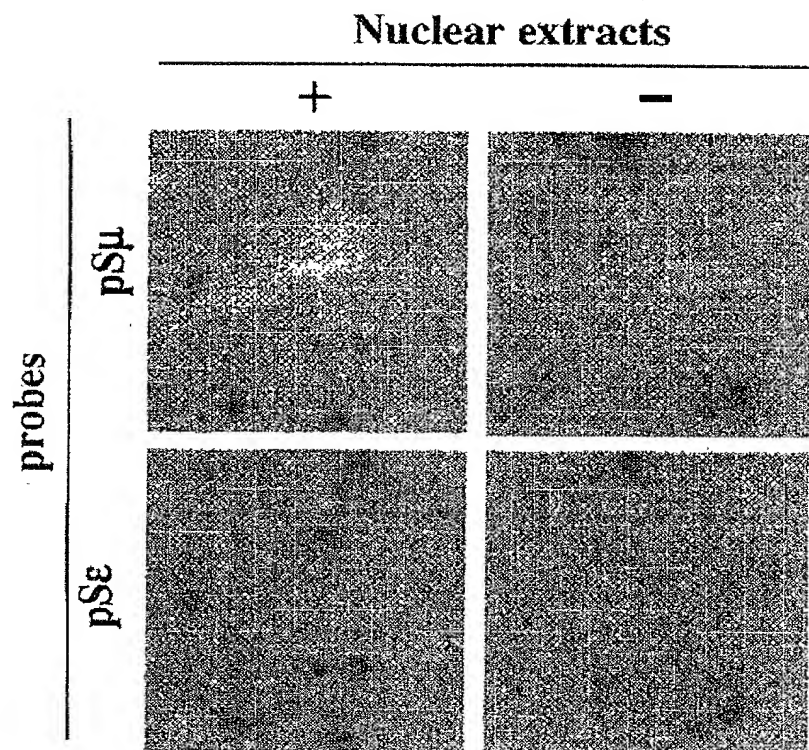


FIGURE 13

[illegible]